

FIG. 1

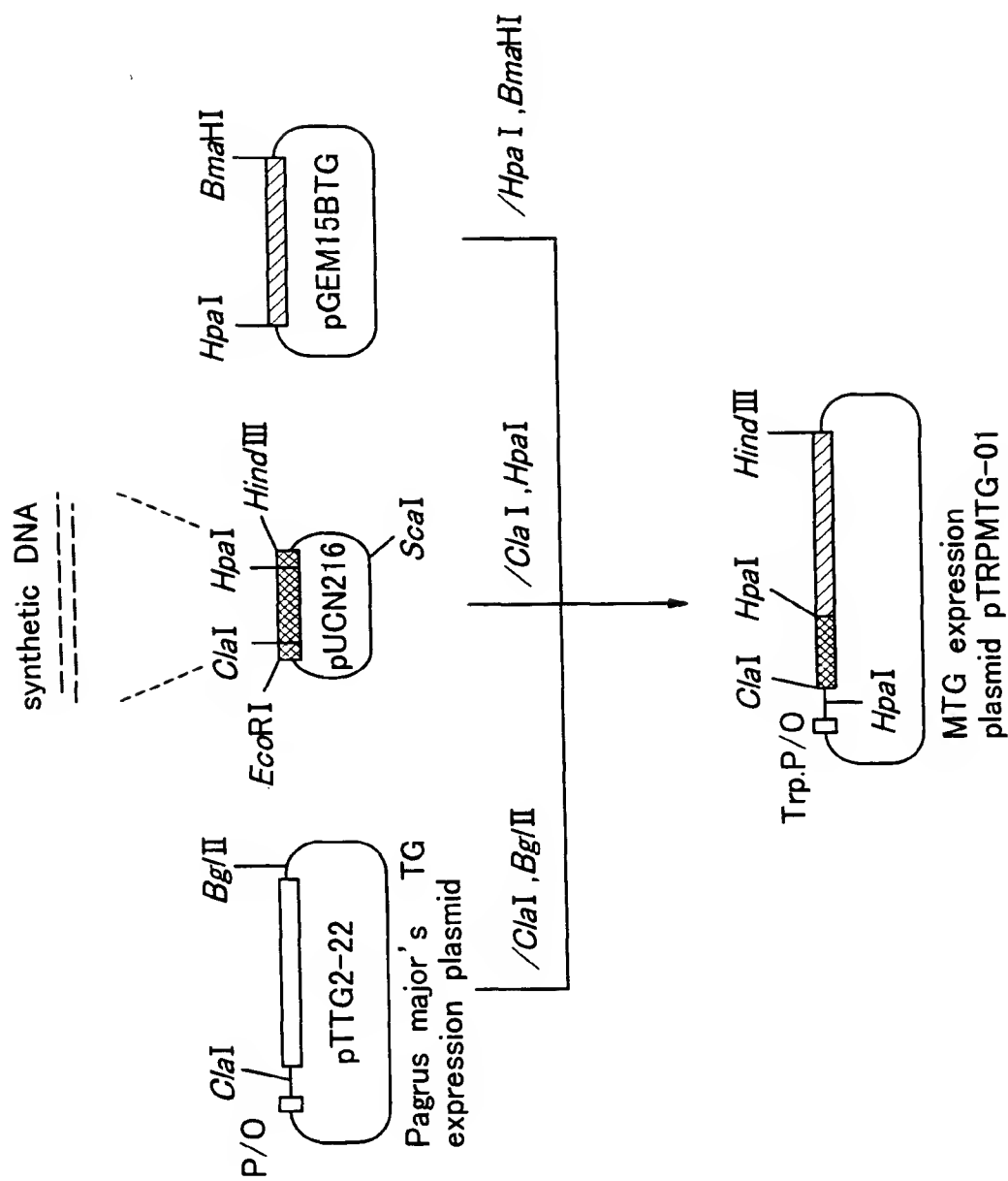


FIG. 2

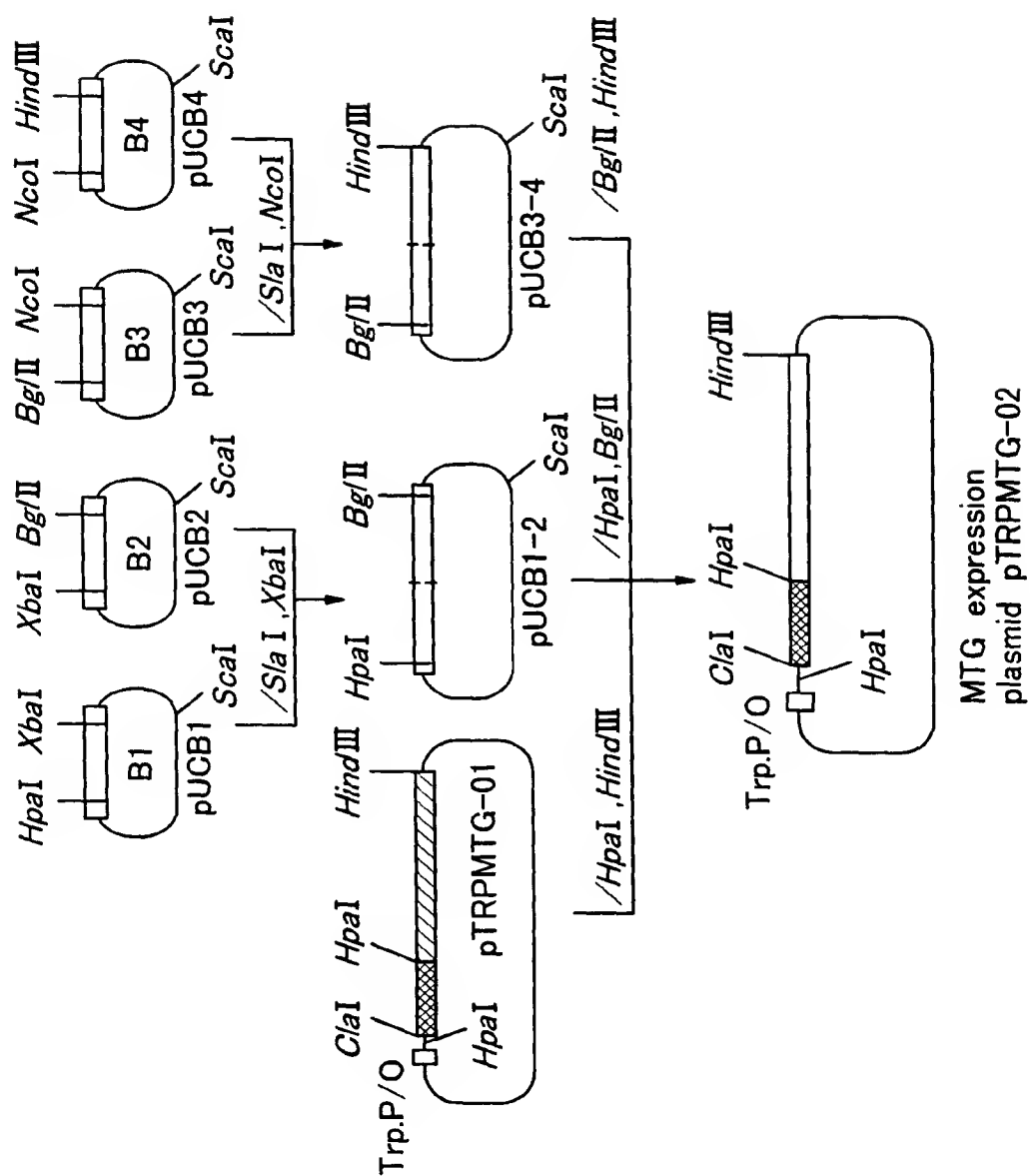
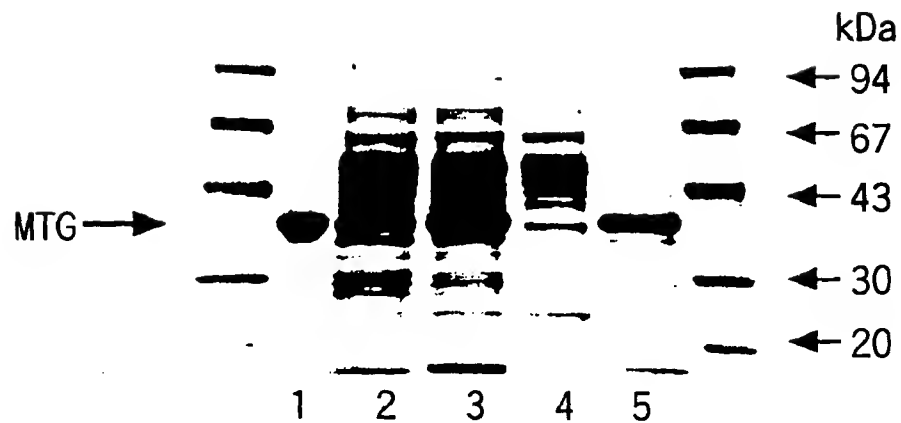


FIG. 3



1.MTG(4 μ g)

2.Whole fraction of broken pUC19/JM109 cells (negative control)

3.Whole fraction of broken pUCTRPMTG-02/JM109 cells

4.Centrifugal supernatant fraction of the third lane

5.Centrifugal precipitate fraction of the third lane

FIG. 4

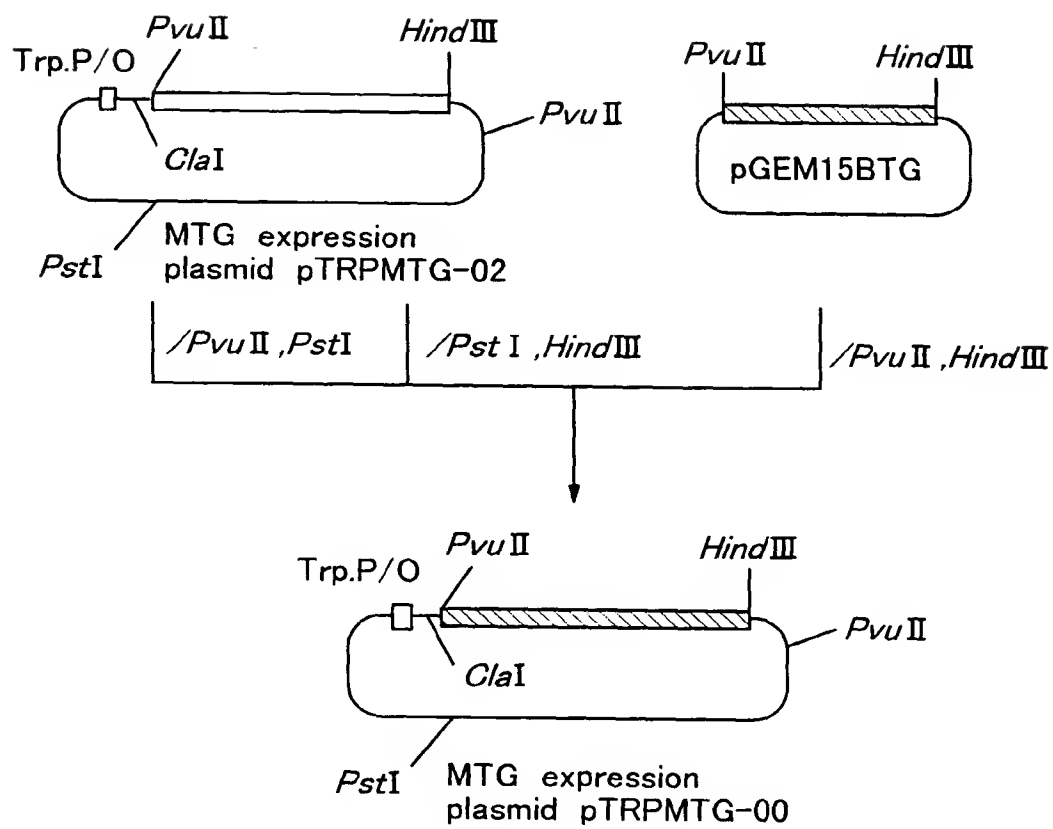


FIG. 5

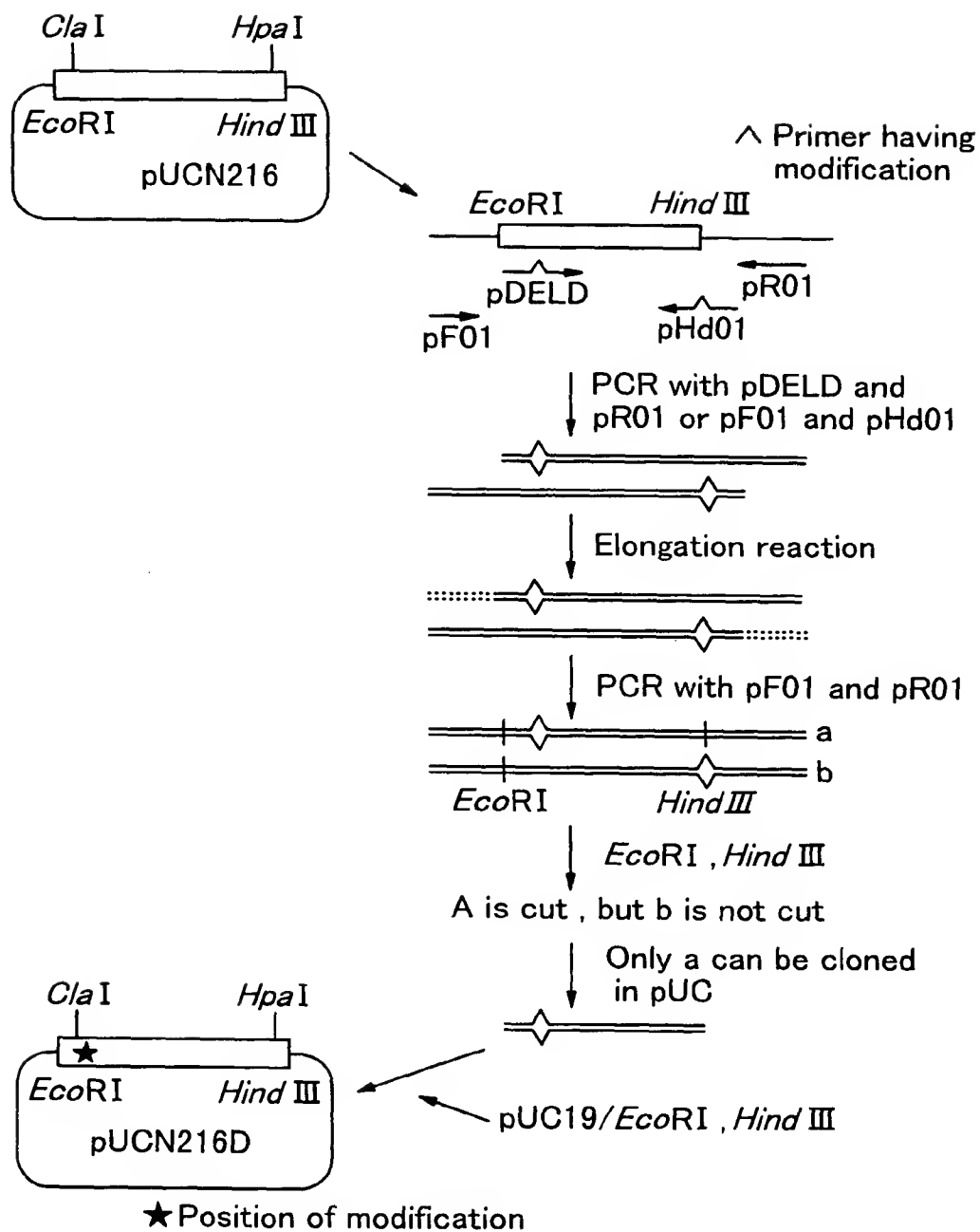


FIG. 6

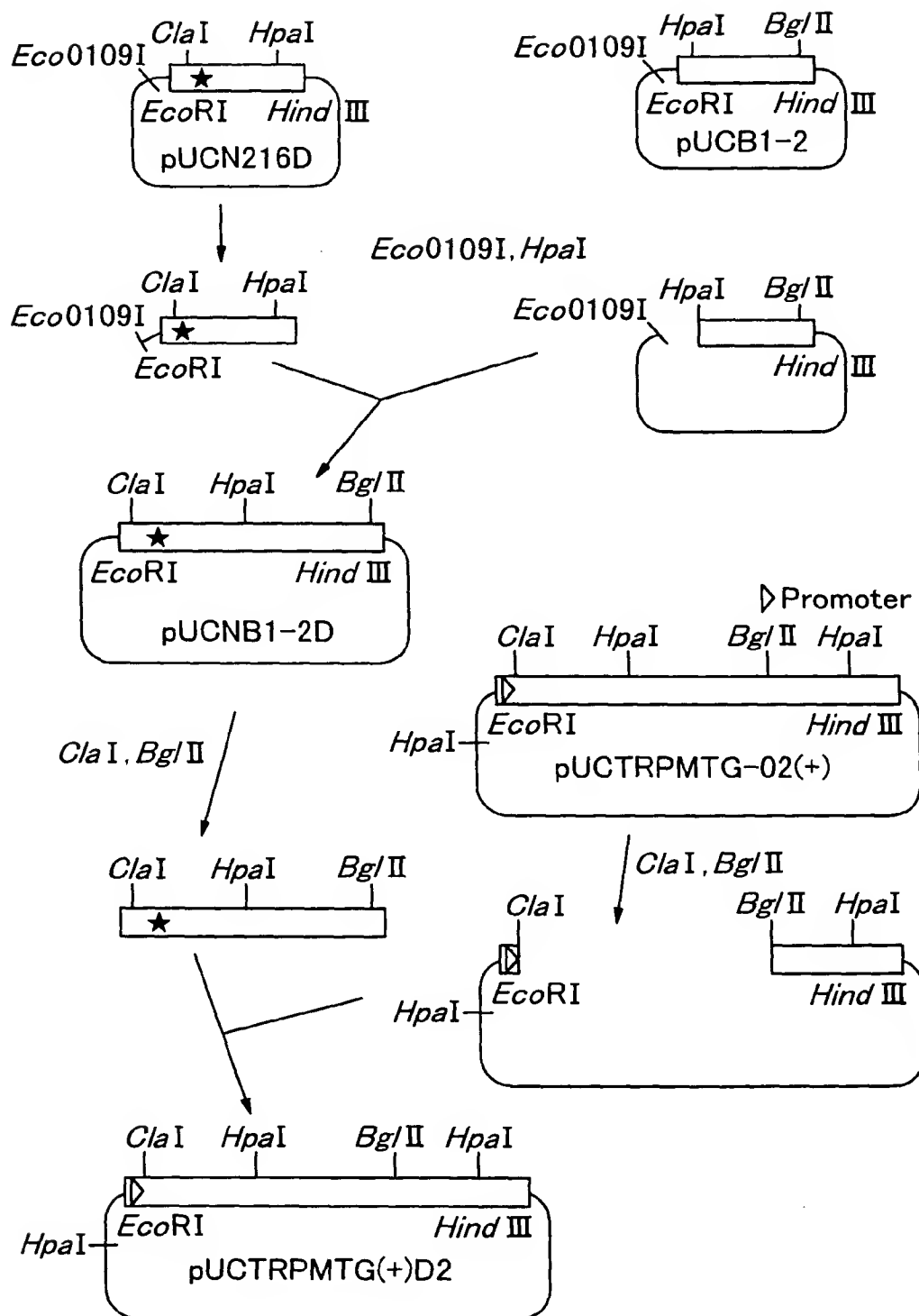


FIG. 7

pUCTRPMTG-02(+) : ...TTTAAATGGATTCTGACGAT...
M D S D D
pUCTRPMTG(+)D2 : ...TTTAAATG----TCTGACGAT...
M S D D

Natural MTG : D S D D are deleted bases

FIG. 8

MTG from pUCTRPMTG(+)D2 : SDDRV...

Reference

Natural MTG : DSDDRV...
MTG from pUCTRPMTG-02(+) : MDSDDRV...